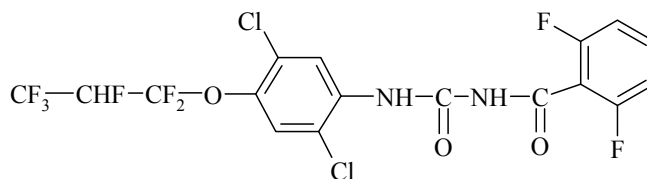


CIPAC STATUS REPORT

19/11/2008



0704 Lufenuron

Allocated to CH/UK

CIPAC methods published in:

CIPAC

CIPAC 51st meeting, June 2007 in Umhlanga Rocks, South Africa

Mr Rodler presented the results of a CIPAC full-scale collaborative trial on the determination of lufenuron in the TC and EC formulation. Lufenuron is determined by reversed phase HPLC using a Nucleosil 5 μ m C₁₈ column, with UV detection at 300 nm and external standard calibration. Fourteen laboratories participated, and 2 TCs and 2 ECs were distributed.

The between-laboratory experimental reproducibility relative standard deviation (% RSD_R) is well below the calculated acceptable value (% RSD_{R (Hor)}) based on the Horwitz calculation. It was considered to be quite a robust method. The recommendation was to accept this method as a provisional CIPAC method.

Decision The reversed phase HPLC method (CIPAC/4561) for the determination of lufenuron in TC and EC formulations was accepted as **provisional** CIPAC method.

CIPAC 52nd meeting, June 2008 in Braunschweig

Decision The reversed phase HPLC method (CIPAC/4561) for the determination of lufenuron in TC and EC formulations was accepted as **full** CIPAC method.